

REMARKS

The Office Action in the above-identified application has been carefully considered and this amendment has been presented to place this application in condition for allowance. Accordingly, reexamination and reconsideration of this application are respectfully requested.

Claims 101-140 and 143-192 are in the present application. It is submitted that these claims were patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. § 112. The changes to the claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. sections 101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 101-140 and 143-192 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ryan (U.S. Patent No. 4,577,216).

However, the present claims recite “connecting an additional burst signal to a front side of a standard color burst signal to generate an extended color burst signal; and changing, based on said recording control information, the phase of said additional burst signal and a portion of said standard color burst signal associated with an analog color video signal generated from said digital data such that the extended color burst signal is modified to include a portion having a changed phase and a portion having an unchanged phase.” (Claim 101; Claims 111, 121, 131, 143, 153, 163, 173 and 183 contain similar limitations) This limitation describes the reversed split color burst analog protection system of the present invention which is supported in the specification starting at page 42, second paragraph. As shown in Figure 15, the present invention

appends a pre-period burst signal C_P to the front of a standard color burst signal (having a length C_N), then reverses the phase of the pre-period signal and a front portion C_F of the standard color burst signal. The phase-reversed portion of the expanded color burst signal provides an effective copy protection mechanism to prevent copying of the analog video signal in successive recording apparatus, whereas the normal phase portion of the expanded color burst signal allows the analog video signal to be viewed normally (i.e. without degradation) on a TV set.

As noted by the Examiner, Ryan clearly does not teach modifying the color burst signal to include both phase changed and unchanged portions. (Office Action page 2) Rather, the Examiner contends it would be obvious to modify Ryan's teachings of modulating the color burst signal "with a random, pseudo-random, periodic signals and combinations at the modulator (Figure 1, Col 2 line 22 to Col 3 line 18, and Col 4 lines 30-45." (Office Action page 3) Actually, Ryan teaches modifying the entire color burst signal with random, pseudo-random, periodic signals or combinations thereof. Ryan does not teach modifying a portion of the color burst signal, nor does he teach expanding the color burst signal as required in the present invention. Moreover, Ryan's teachings are not analogous since the modified color burst signal introduces an error in the color processing of a TV which results in a deteriorated color display. As noted above, the present invention allows for normal TV viewing and only degrades analog recordings of the video signal. Hence, Ryan cannot be obviously modified to meet the limitations of the present claims.

Therefore, for at least these reasons, Ryan fails to obviate the present invention and the rejected claims should now be allowed.

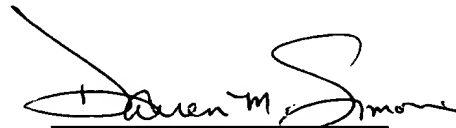
In view of the foregoing amendment and remarks, it is respectfully submitted that the application as now presented is in condition for allowance. Early and favorable reconsideration of the application are respectfully requested.

No additional fees are deemed to be required for the filing of this amendment, but if such are required, the Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

If any issues remain, or if the Examiner has any further suggestions, he/she is invited to call the undersigned at the telephone number provided below. The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By:

A handwritten signature in black ink, appearing to read "Darren M. Simon", written over a horizontal line.

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